

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: <b>S</b> ptember 20, 2001
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLN. NO. (if known): <b>09/926188</b>
INTERNATIONAL APPLICATION NO.: <b>PCT/JP00/01863</b>	INTERNATIONAL FILING DATE: <b>MARCH 27, 2000</b>	PRIORITY DATE CLAIMED: <b>MARCH 26, 1999</b>
TITLE OF INVENTION: <b>N-TYPE SEMICONDUCTOR DIAMOND AND METHOD OF ITS MAKING</b>		
APPLICANT(S) FOR DO/EO/US: <b>Toshihiro ANDO, Yoichiro SATO, Eiji YASU, Mika GAMO and Isao SAKAGUCHI</b>		

Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
- ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)):
  - ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - ☒ has been transmitted by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - ☐ have been transmitted by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☒ have not been made and will not be made.
- ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☒ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:**

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  
ASSIGNEES NAMES AND ADDRESSES (1) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION, Kawaguchi-shi, Japan; and**  
(2) **NATIONAL INSTITUTE FOR MATERIALS SCIENCE, Tsukuba-shi, Japan**  
**Please publish the assignee data with the application.**
- ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment
- ☐ A substitute specification.
- ☐ A change of power of attorney and/or address letter.
- ☒ Other items or information: Petition for Acceptance of Color Photographs w/check for \$130.00; 13 sheets of drawings and International search report.

U.S. APPLICATION NO. (if known) <b>09/926188</b>	INTERNATIONAL APPLICATION NO. <b>PCT/JP00/01863</b>	DATE: <b>Sept mber 20, 2001</b>
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17. X The following fees are submitted:

**Basic National F (37 CFR 1.492(a)(1)-(5):**  
 Search Report has been prepared by the EPO or JPO: ..... \$860.00

International preliminary examination fee paid  
 to USPTO (37 CFR 1.482) ..... \$690.00

No international preliminary examination fee paid  
 to USPTO (37 CFR 1.482) but international search fee  
 paid to USPTO (37 CFR 1.445(a)(2)) ..... \$710.00

Neither international preliminary examination fee  
 (37 CFR 1.482) nor international search fee  
 (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1000.00

International preliminary examination fee  
 (37 CFR 1.482) and all claims satisfied provisions  
 of PCT Article 33(2)-(4) ..... \$100.00

CALCULATIONS

PTO USE ONLY

**ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 860.00**

Surcharge of **\$130.00** for furnishing the oath or declaration later than   20    
 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
TOTAL	7 - 20 =		X \$ 18.00		
INDEPENDENT	2 - 3 =		X \$ 80.00		
Multiple dependent claims(s) (if applicable)			+ \$270.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 860.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).					
<b>SUBTOTAL =</b>				<b>\$ 860.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <u>  20  </u> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 860.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 per property +</b>				<b>\$ 40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 900.00</b>	
				Amount to be:	
				refunded	\$
				charged	\$

ATTORNEY'S DOCKET NO: 011147

U.S. APPLICATION NO.  
(if known)

09/926188

INTERNATIONAL APPLICATION NO.

PCT/JP00/01863

DATE: September 20, 2001

- a. ☒ A check in the amount of \$900.00 to cover the above fees is enclosed. (\$860.00 for basic filing fee and \$40.00 for assignment recordation fee). (This paper is filed in triplicate)
- b. ☐ Please charge my Deposit Account No. 01-2340 in the amount of \$\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2340.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:



23850

PATENT TRADEMARK OFFICE

SIGNATURE

 Stephen G. Adrian  
NAME

 32,878  
REGISTRATION NUMBER

Scanned by

ARMSTRONG, WESTERMAN, HATTORI,  
McLELAND & NAUGHTON, LLP  
Suite 1000, 1725 K Street, N.W.  
Washington, D. C. 20006  
Tel: (202) 659-2930  
Fax: (202) 887-0357

#4  
PTO/PGT Rec'd 20 SEP 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Toshihiro ANDO et al.

Serial Number: Not Yet Assigned  
(PCT/JP00/01863)

Filed: September 20, 2001

For: N-TYPE SEMICONDUCTOR DIAMOND AND METHOD OF ITS MAKING

PETITION FOR ACCEPTANCE OF COLOR PHOTOGRAPHS

Commissioner for Patents  
Washington, D.C. 20231

September 20, 2001

Sir:

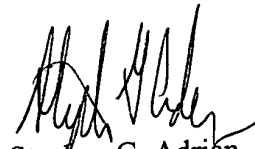
Applicants hereby petition for acceptance of the color photographs (Figures 12A and 12B - 2 sets and 1 copy) submitted concurrently herewith in the above-identified patent application.

Payment for the petition fee of \$130.00 (One Hundred and Thirty dollars) is included in the enclosed check.

In the event any additional fees are required, please charge our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI  
MCLELAND & NAUGHTON, LLP

  
Stephen G. Adrian  
Reg. No. 32,878

Atty. Docket No.: 011147  
Suite 1000, 1725 K Street, N.W.  
Washington, D.C. 20006  
Tel: (202) 659-2930  
Fax: (202) 887-0357  
SGA/yap

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